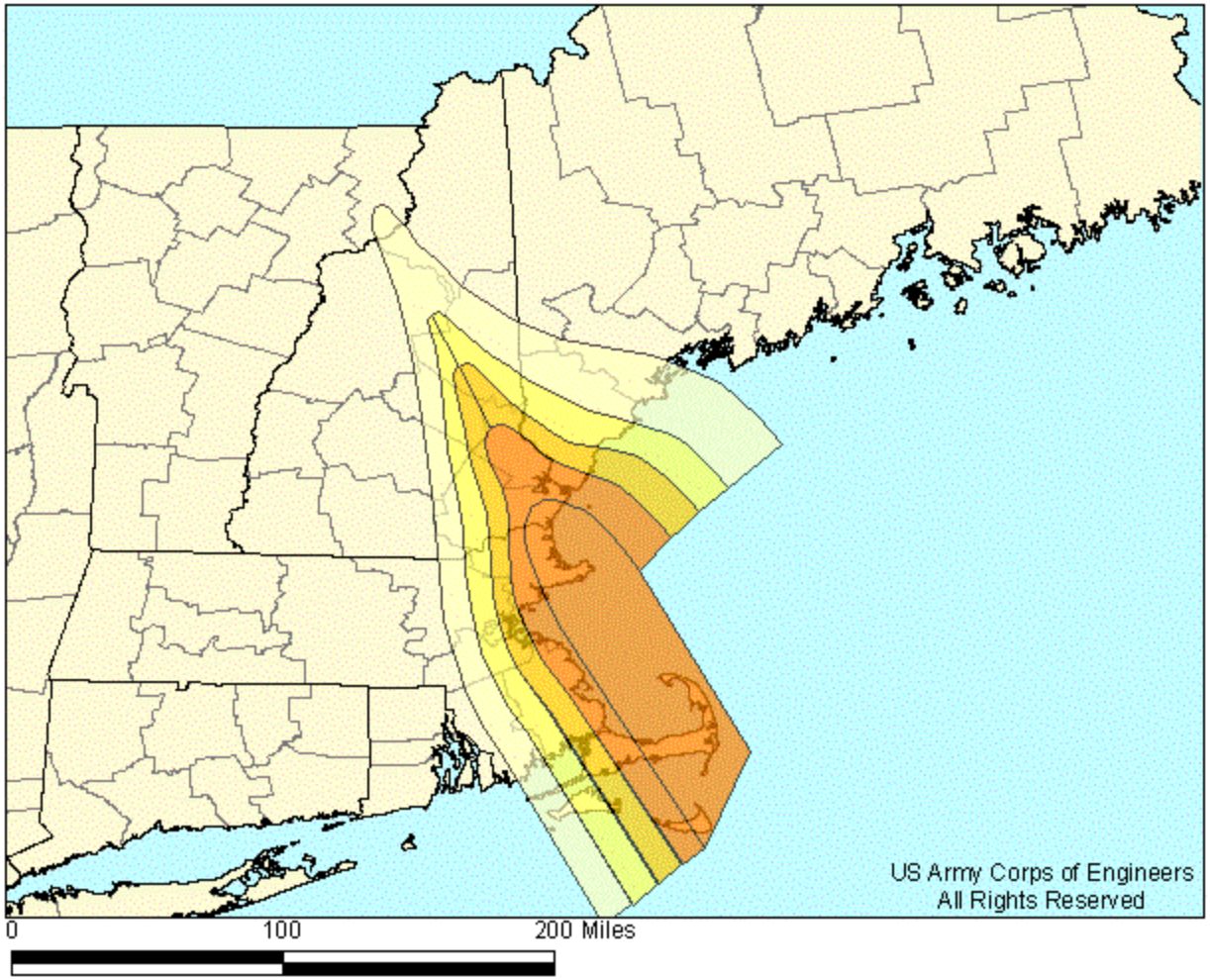
Hurricane NoName Projected Damage Areas

US Army Corps of Engineers

Landfall Expected In About 24 Hours

For Planning Purposes Only!



Post Landfall Projected Damage Areas

This model is based on a Category 3 storm making landfall near Hampton Beach, NH.

Projected Damage Areas

- CAT 0-type damage
- CAT 1-type damage
- CAT 2-type damage
- CAT 3-type damage
- CAT 4-type damage
- CAT 5-type damage

Information provided on this page displays a Category 3 storm making landfall near Hampton Beach, NH. These projections are based on information from the NHC (1600 EDT 07/31/2008) forecast.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

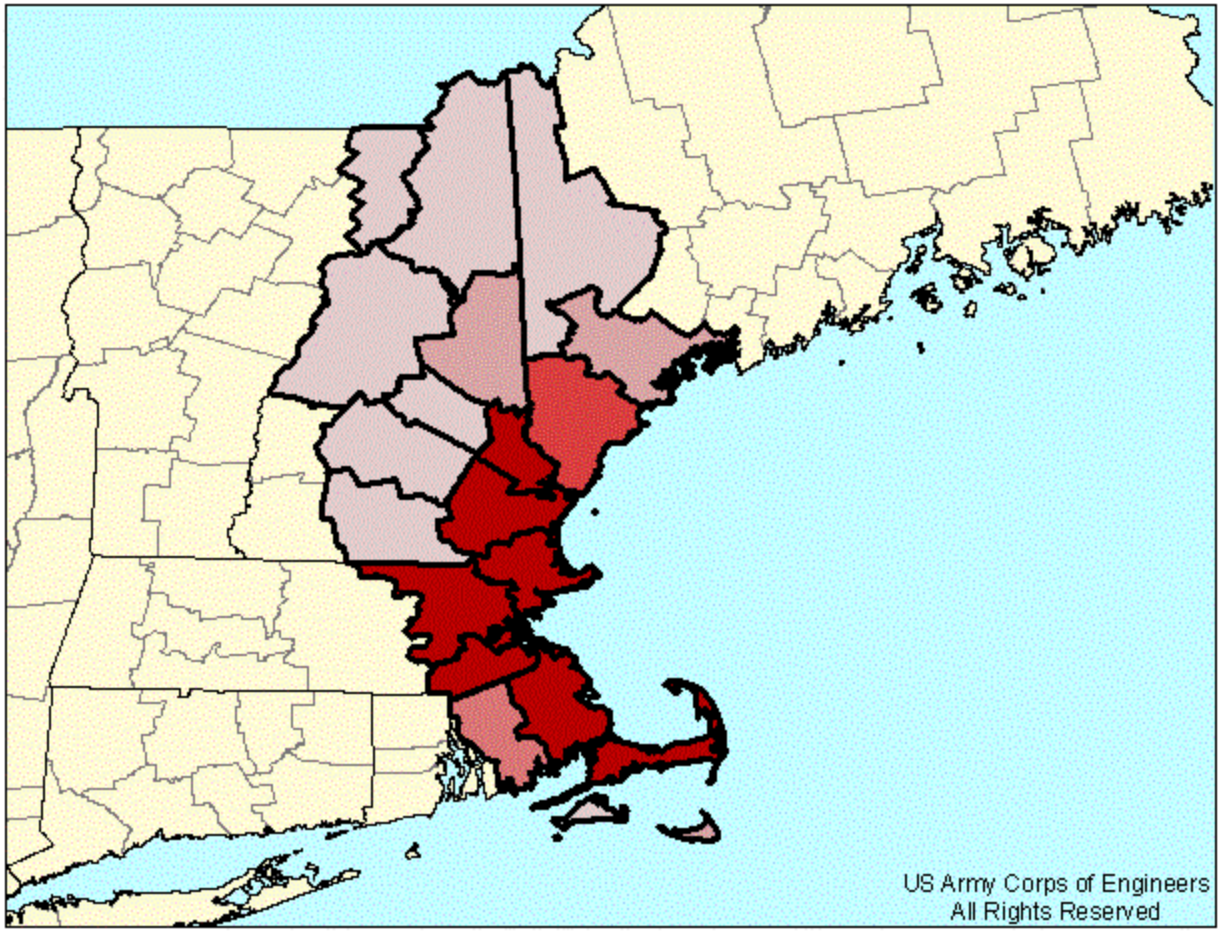
Hurricane NoName Projected Damage Areas	
Generated By: Siemsen, LRL 1630 EDT 07/31/2008	
Sources: HURREVAC LRL-DEBRIS	Page 1 of 13

US Army Corps of Engineers

Hurricane NoName Debris Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!



Post Landfall Debris Model Results

Massachusetts - 22,628,000 Yards
New Hampshire - 4,139,000 Yards
Maine - 975,000 Yards
Vermont - 2,000 Yards

Model results per County on following page

This model is based on a Category 3 storm making landfall near Hampton Beach, NH.

Debris

- < 100,000 cubic yards
- 100,000 - 249,999 cubic yards
- 250,000 - 499,999 cubic yards
- 500,000 - 999,999 cubic yards
- >1,000,000 cubic yards

Information provided on this page displays a Category 3 storm making landfall near Hampton Beach, NH. These projections are based on information from the NHC (1600 EDT 07/31/2008) forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName Debris Model	
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Sources: HURREVAC LRL-DEBRIS	Page 2 of 13

US Army Corps of Engineers

Hurricane NoName Debris Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!

State	Yards per State	County	Yards per County
Maine		Cumberland	180,000
		Oxford	3,000
		York	792,000
Maine	975,000		
Massachusetts		Barnstable	3,751,000
		Bristol	315,000
		Dukes	29,000
		Essex	8,248,000
		Middlesex	2,721,000
		Nantucket	155,000
		Norfolk	1,636,000
		Plymouth	2,831,000
		Suffolk	2,942,000
Massachusetts	22,628,000		
New Hampshire		Belknap	97,000
		Carroll	188,000
		Coos	8,000
		Grafton	13,000
		Hillsborough	64,000
		Merrimack	48,000
		Rockingham	2,262,000
		Strafford	1,459,000
New Hampshire	4,139,000		
Vermont		Essex	2,000
Vermont	2,000		

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

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Hurricane NoName Debris Model

Generated By:
Siemsen, LRL 1630 EDT 07/31/2008

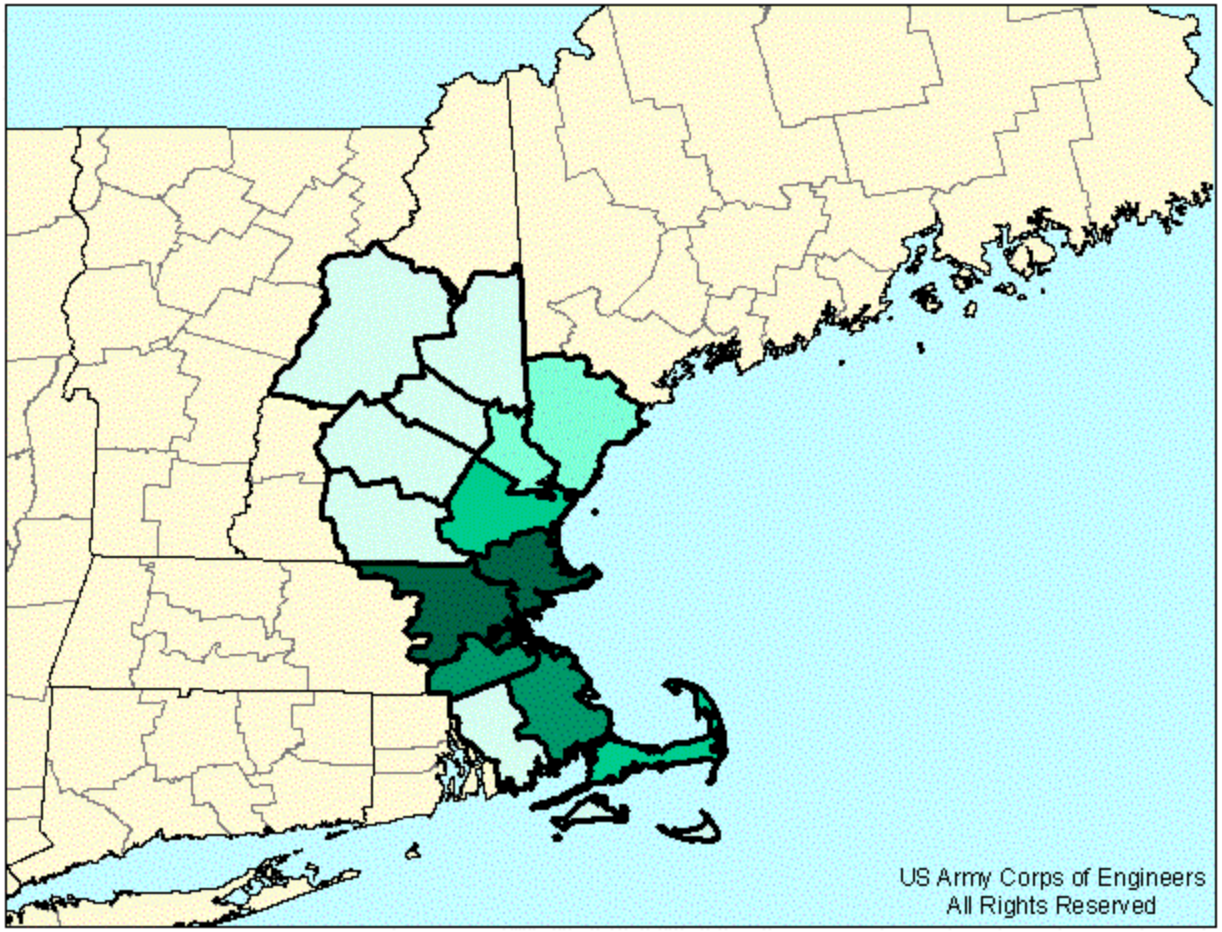
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Commodities Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!



Post Landfall Water Model Results

Day One / Day Two / Day Three
Massachusetts - 204 Truckloads
New Hampshire - 28 Truckloads
Maine - 7 Truckloads

Model results per County on following page

This model is based on a Category 3 storm making landfall near Hampton Beach, NH.

Commodities

- < 5 Trucks Each
- 5 - 10 Trucks Each
- 11 - 20 Trucks Each
- 21 - 40 Trucks Each
- > 40 Trucks Each

Information provided on this page displays a Category 3 storm making landfall near Hampton Beach, NH. These projections are based on information from the NHC ***(1600 EDT 07/31/2008)*** forecast. The amount of commodities forecasted is based on Mission Guide Book requirements and SME input. The graphic represents single day needs with full distribution system in place and operating.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName Commodities Model	
Generated By: Siemsen, LRL 1630 EDT 07/31/2008	
Sources: HURREVAC LRL-DEBRIS	Page 4 of 13

US Army Corps of Engineers

Hurricane NoName Commodities Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!

State	Truckloads per State	County	Truckloads per County
Maine		York	7
Maine	7		
Massachusetts		Barnstable	13
		Bristol	3
		Dukes	1
		Essex	43
		Middlesex	48
		Nantucket	1
		Norfolk	24
		Plymouth	29
		Suffolk	42
Massachusetts	204		
New Hampshire		Belknap	1
		Carroll	2
		Grafton	1
		Hillsborough	1
		Merrimack	1
		Rockingham	14
		Strafford	8
New Hampshire	28		

The amount of commodities forecasted is based on Mission Guide Book requirements and SME input and the above table indicates suggested needs based on phased deployment of a commodities distribution system.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

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Hurricane NoName Commodities Model

Generated By:
Siemsen, LRL 1630 EDT 07/31/2008

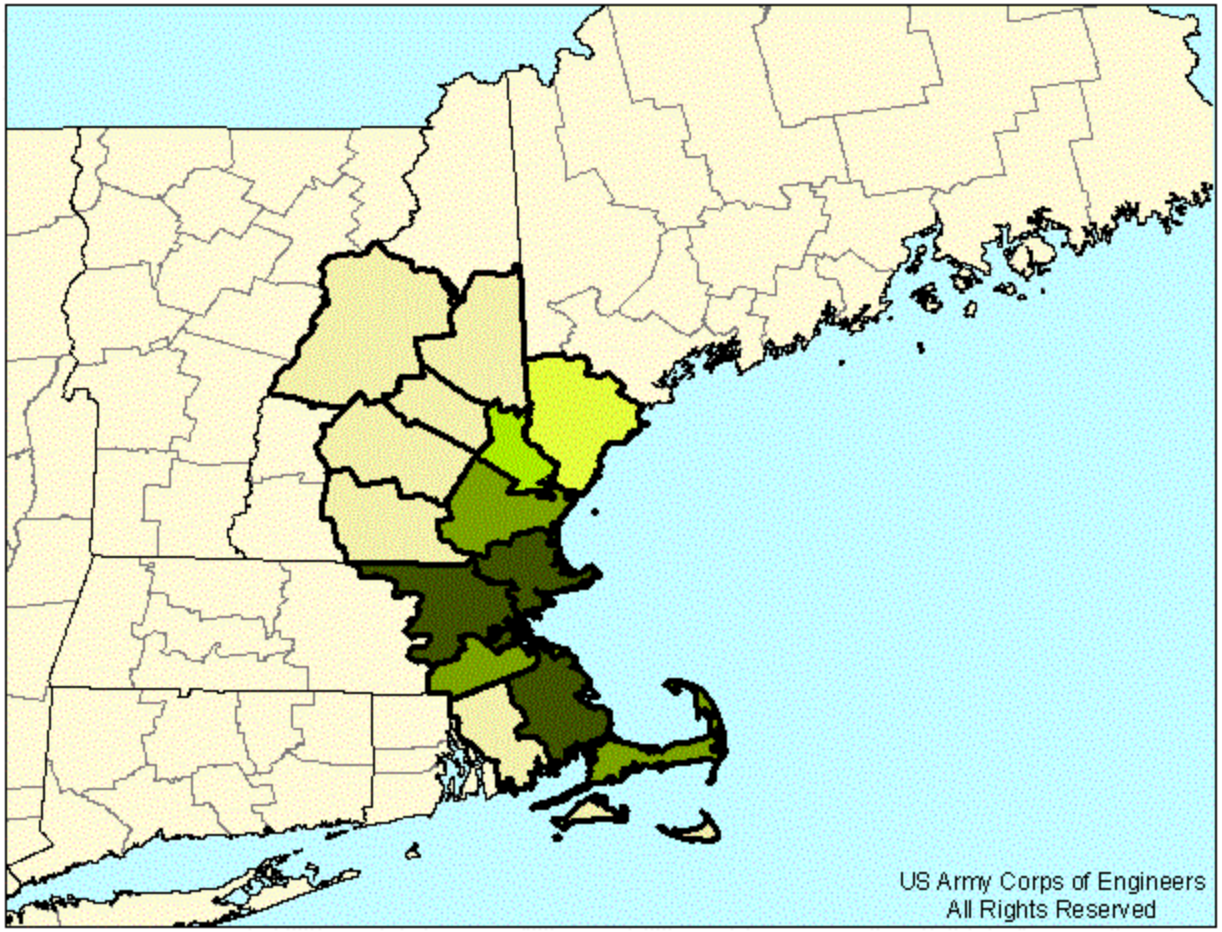
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Temporary Roofing Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!



Post Landfall Temporary Roofing Model Results

Massachusetts - 80,800
New Hampshire - 12,700
Maine - 2,700

Model results per County on following page

This model is based on a Category 3 storm making landfall near Hampton Beach, NH.

Temporary Roofing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 3 storm making landfall near Hampton Beach, NH. These projections are based on information from the NHC (1600 EDT 07/31/2008) forecast. Temporary roofing is based on 3% in CAT 1, 6% in CAT 2 and 11% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName Roofing Model	
Generated By: Siemsen, LRL 1630 EDT 07/31/2008	
Sources: HURREVAC LRL-DEBRIS	Page 6 of 13

US Army Corps of Engineers

Hurricane NoName Temporary Roofing Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!

State	House Units per State	County	House Units per County
Maine		York	2,700
Maine	2,700		
Massachusetts		Barnstable	9,300
		Bristol	400
		Dukes	200
		Essex	24,600
		Middlesex	13,200
		Nantucket	500
		Norfolk	7,400
		Plymouth	11,200
		Suffolk	14,000
Massachusetts	80,800		
New Hampshire		Belknap	300
		Carroll	500
		Grafton	< 100
		Hillsborough	< 100
		Merrimack	200
		Rockingham	6,900
		Strafford	4,800
New Hampshire	12,700		

Temporary roofing is based on 3% in CAT 1, 6% in CAT 2 and 11% in CAT 3.

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Hurricane NoName Roofing Model

Generated By:
Siemsen, LRL 1630 EDT 07/31/2008

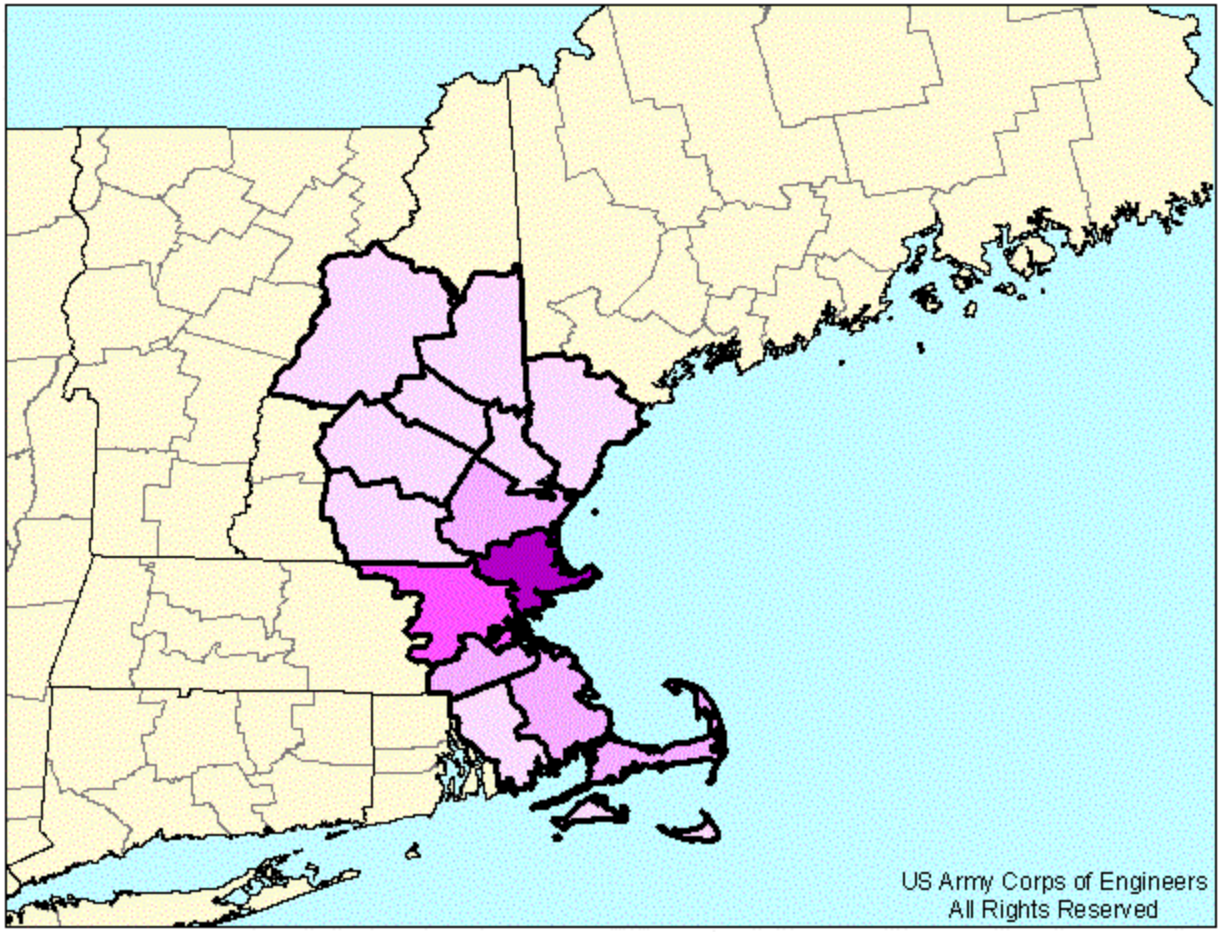
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Temporary Housing Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!



Post Landfall Temporary Housing Model Results

Massachusetts - 28,100
New Hampshire - 4,500
Maine - 1,000

Model results per County on following page

This model is based on a Category 3 storm making landfall near Hampton Beach, NH.

Temporary Housing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 3 storm making landfall near Hampton Beach, NH. These projections are based on information from the NHC (1600 EDT 07/31/2008) forecast. Temporary housing is based on 1% in CAT 1, 2% in CAT 2 and 4% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName Housing Model	
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Sources: HURREVAC LRL-DEBRIS	Page 8 of 13

US Army Corps of Engineers

Hurricane NoName Temporary Housing Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!

State	House Units per State	County	House Units per County
Maine		York	1,000
Maine	1,000		
Massachusetts		Barnstable	3,400
		Bristol	200
		Dukes	< 100
		Essex	8,800
		Middlesex	4,400
		Nantucket	200
		Norfolk	2,500
		Plymouth	3,900
		Suffolk	4,700
Massachusetts	28,100		
New Hampshire		Belknap	< 100
		Carroll	200
		Grafton	< 100
		Hillsborough	< 100
		Merrimack	< 100
		Rockingham	2,500
		Strafford	1,800
New Hampshire	4,500		

Temporary housing is based on 1% in CAT 1, 2% in CAT 2 and 4% in CAT 3.

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Hurricane NoName Housing Model

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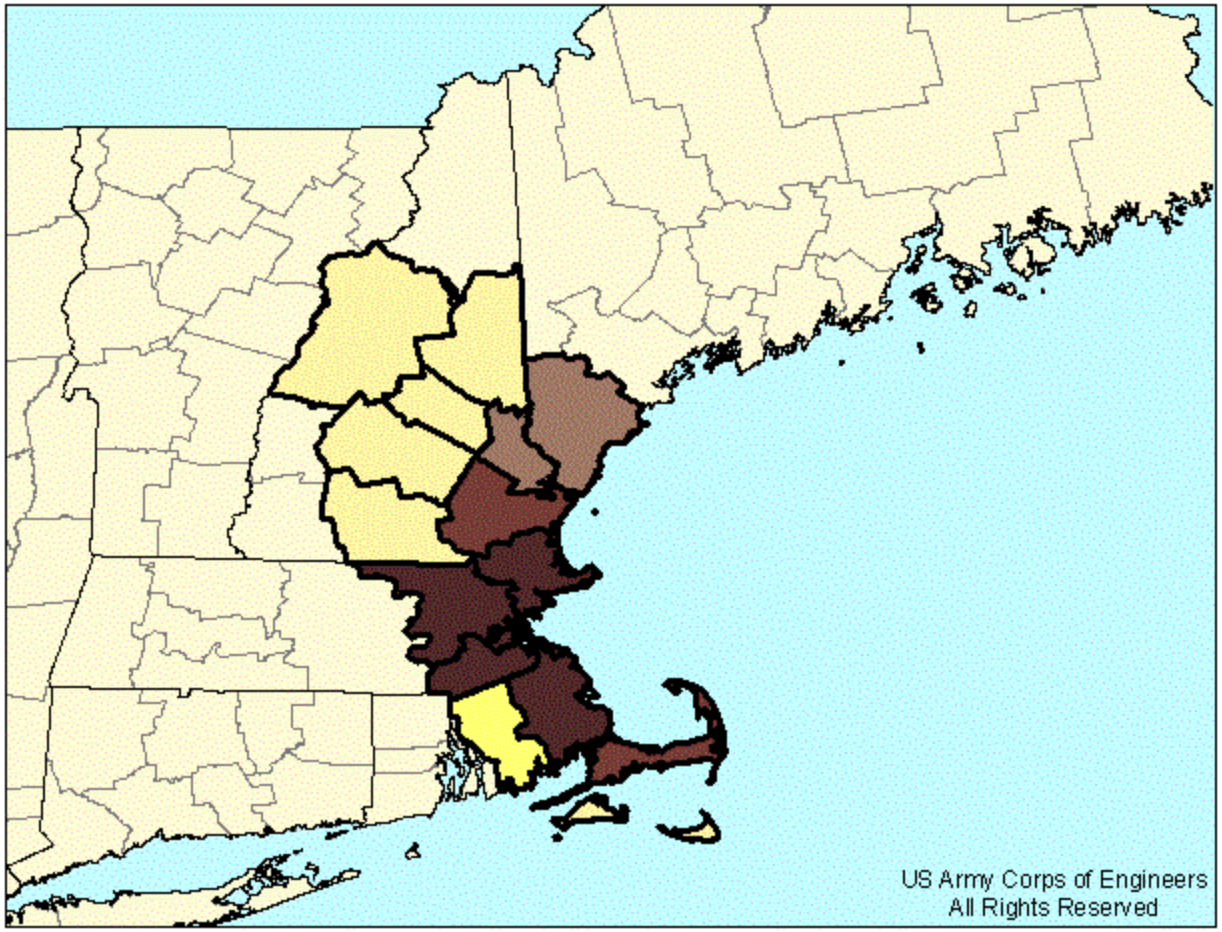
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Population Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!



Post Landfall Population Model Results

Massachusetts - 3,437,000
New Hampshire - 411,000
Maine - 119,000

Model results per County on following page

This model is based on a Category 3 storm making landfall near Hampton Beach, NH.

Population

- < 25,000 persons
- 25,000 - 99,999 persons
- 100,000 - 174,999 persons
- 175,000 - 249,999 persons
- > 250,000 persons

Information provided on this page displays a Category 3 storm making landfall near Hampton Beach, NH. These projections are based on information from the NHC (1600 EDT 07/31/2008) forecast. The numbers of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2007 values).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane NoName Population Model	
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Sources: HURREVAC LRL-DEBRIS	Page 10 of 13

US Army Corps of Engineers

Hurricane NoName Population Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!

State	Population per State	County	Population per County
Maine		York	119,000
Maine	119,000		
Massachusetts		Barnstable	222,000
		Bristol	36,000
		Dukes	14,000
		Essex	735,000
		Middlesex	813,000
		Nantucket	11,000
		Norfolk	399,000
		Plymouth	488,000
		Suffolk	719,000
Massachusetts	3,437,000		
New Hampshire		Belknap	17,000
		Carroll	25,000
		Grafton	< 1,000
		Hillsborough	2,000
		Merrimack	9,000
		Rockingham	236,000
		Strafford	122,000
New Hampshire	411,000		

The number of persons estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2007 values.

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Hurricane NoName Population Model

Generated By:
Siemsen, LRL 1630 EDT 07/31/2008

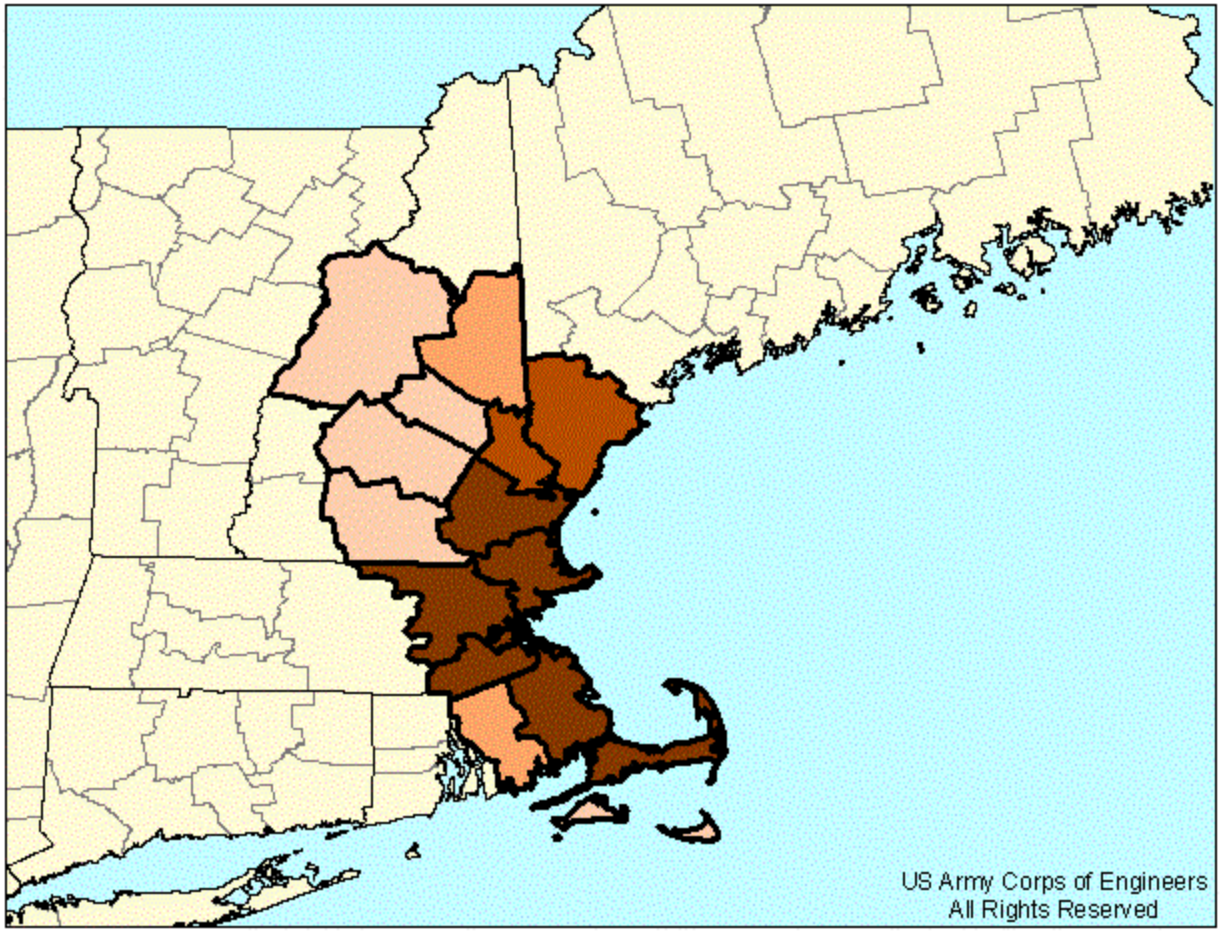
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Households Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!



Post Landfall Households Model Results

Massachusetts - 1,346,000
New Hampshire - 160,000
Maine - 48,000

Model results per County on following page

This model is based on a Category 3 storm making landfall near Hampton Beach, NH.

Households

- < 7,500 households
- 7,500 - 14,999 households
- 15,000 - 24,999 households
- 25,000 - 49,999 households
- > 50000 households

Information provided on this page displays a Category 3 storm making landfall near Hampton Beach, NH. These projections are based on information from the NHC (1600 EDT 07/31/2008) forecast. The numbers of households included in this model output are those that would be included within estimated hurrican e force winds (Census 2000 values adjusted to July 2007 values).

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Hurricane NoName Households Model	
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Sources: HURREVAC LRL-DEBRIS	Page 12 of 13

US Army Corps of Engineers

Hurricane NoName Households Model

Landfall Expected In About 24 Hours

For Planning Purposes Only!

State	Households per State	County	Households per County
Maine		York	48,000
Maine	48,000		
Massachusetts		Barnstable	95,000
		Bristol	13,000
		Dukes	6,000
		Essex	280,000
		Middlesex	321,000
		Nantucket	5,000
		Norfolk	161,000
		Plymouth	174,000
		Suffolk	291,000
Massachusetts	1,346,000		
New Hampshire		Belknap	7,000
		Carroll	11,000
		Grafton	< 1,000
		Hillsborough	< 1,000
		Merrimack	4,000
		Rockingham	91,000
		Strafford	47,000
New Hampshire	160,000		

The number of households estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2007 values.

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Hurricane NoName Households Model

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